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PERLEGEN SCIENCES, INC.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Confirmation No. 7783

Appl. No.

10/042,819

Applicant

Cox, et al.

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TC/A.U. Examiner

Whisenant, E.C.

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Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

AMENDMENT

Sir:

In response to the Office Action of July 16, 2003, please amend the above-identified application as follows:

Listing of Claims begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.